

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ingo Schulze  
Application Number: Unassigned  
Filing Date: Concurrently Herewith  
Group Art Unit:  
Examiner:  
Title: WASHING AND RINSING METHOD FOR A WASHING  
MACHINE

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

EP 0 657 576 discloses that to avoid a spinning cycle during the presence of braking foam in the tub, it is proposed to supply to the control circuit of the washing machine during a spinning phase a signal which is a measure of an undesirable braking of the laundry drum (for example, as a result of foam formation) and which is determined by the ratio of the following parameters of the operation of the drive motor to one another: a) desired speed b) actual speed and c) a load-dependent electrical variable. As a result, reliable foam recognition is guaranteed and the elimination of foam is possible.

EP 0 373 063 discloses a method for washing laundry in a rotating horizontal drum of a washing machine, characterised in that it comprises, at least over the entire duration of a washing phase proper, subjecting the laundry successively to being dropped, and being rolled up on itself by the respective rotation of the washing drum at a drop speed ( $V_c$ ) and at a rolling speed ( $V_r$ ). Washing machine (1) rotating in both directions at a speed ( $V_r$ ) at which the laundry rolls up situated between 20 and 40 revolutions per minute, and at a speed ( $V_c$ ) at which the laundry drops down situated between 40 and 55 revolutions per minute.

EP 0 618 323 discloses that to improve the washing behaviour of the laundry and to reduce the consumption of water, of washing agent and of energy, the laundry drum is

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accelerated, in one direction of rotation, to a first rotational speed (n1) clearly below the starting rotational speed and, in the other direction of rotation, to a second rotational speed (n2) clearly above the starting rotational speed.

EP 0 318 761 discloses that the laundry drum, which is equipped under the drivers with scooping devices and which rotates more slowly during the wetting stage than during the washing-clear stage, is driven intermittently during the wetting stage with a switch-on time of at most 30%. This improves the wetting effect, so that the wetting stage can be kept to a very short time of three minutes.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicant. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



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December 9, 2005

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**Complete if Known**

(Use as many sheets as necessary)

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First Named Inventor	Ingo Schulze
Art Unit	
Examiner Name	
Attorney Docket Number	2003P00857WOUS

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code* Number * Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		EP 0 781 881	07-02-1997	Inaki Ortega Salas		✓
		EP 0 657 576	06-14-1995	Harald Moschutz et al		
		EP 0 373 063	06-13-1990	Jacqueline Suau et al		
		EP 0 618 323	10-05-1994	Ingo Schulze et al		
		EP 0 742 307	11-13-1996	Fumihiko Imamura et al		✓
		EP 0 318 761	06-07-1989	Detlef Uszkureit		

01/21/2011

**\*EXAMINER.** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		International Search Report PCT/EP2004/006255	09-01-2005			<input checked="" type="checkbox"/>
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Examiner Signature	/Joseph L. Perrin/	Date Considered	01/21/2011
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